MAR 2 2 2004

PTO/SB/17 (10-03)
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U.S. Patent and Trademark Office; U.S. DEPARTMENLOF-COMMERCI ork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number

EE TRANSMITTAL for FY 2004

Effective 10/01/2003. Patent fees are subject to annual revision.

Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT

(\$)	950	.00

Complete if Known					
Application Number	10/083,842				
Filing Date	february 27, 2002				
First Named Inventor	Jonas Grina				
Examiner Name	Deepak R. Rao				
Art Unit	1624				
Attorney Docket No.	50097A				

METHOD OF PAYMENT (check all that apply)	OD OF PAYMENT (check all that apply) FEE CALCULATION (continued)				
☐ Check ✓ Credit card ☐ Money ☐ Other ☐ None	3. ADDITI				
Deposit Account:	Large Entity		Y		
Deposit Account 50-1744	Code (\$)	Fee Fee Code (\$)	Fee Description	Fee Paid	
Number	1051 130	1	Surcharge - late filing fee or oath		
Account Name Syngenta	1052 50	2052 25	Surcharge - late provisional filing fee or cover sheet		
The Director is authorized to: (check all that apply)	1053 130	1053 130	Non-English specification		
Charge fee(s) indicated below Credit any overpayments	1812 2,520	1812 2,520	For filing a request for ex parte reexamination	\vdash	
Charge any additional fee(s) or any underpayment of fee(s)	1804 920*	1804 920°	 Requesting publication of SIR prior to Examiner action 		
Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.	1805 1,840*	1805 1,840	 Requesting publication of SIR after Examiner action 		
FEE CALCULATION	1251 110	2251 55	Extension for reply within first month	<u> </u>	
1. BASIC FILING FEE	1252 420	2252 210	Extension for reply within second month		
Large Entity Small Entity	1253 950	2253 475	Extension for reply within third month	950.00	
Fee Fee Fee Fee Description Fee Paid Code (\$) Code (\$)	1254 1,480	2254 740	Extension for reply within fourth month		
1001 770 2001 385 Utility filing fee	1255 2,010	2255 1,005	5 Extension for reply within fifth month		
1002 340 2002 170 Design filing fee	1401 330	2401 165	Notice of Appeal		
1003 530 2003 265 Plant filing fee	1402 330	2402 165	Filing a brief in support of an appeal		
1004 770 2004 385 Reissue filing fee	1403 290	2403 145	Request for oral hearing		
1005 160 2005 80 Provisional filing fee	1451 1,510	1451 1,510	Petition to institute a public use proceeding		
SUBTOTAL (1) (\$)	1452 110	2452 55	5 Petition to revive - unavoidable		
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE	1453 1,330	2453 665	Petition to revive - unintentional		
Fee from	1501 1,330	2501 665	5 Utility issue fee (or reissue)		
Total Claims Extra Claims below Fee Paid	1502 480	2502 240	Design issue fee		
Independent	1503 640	2503 320) Plant issue fee		
Claims X = X = X Multiple Dependent	1460 130	1460 130	Petitions to the Commissioner		
	1807 50	1807 50	Processing fee under 37 CFR 1.17(q)		
Large Entity Small Entity Fee Fee Fee Fee Fee Description	1806 180		Submission of Information Disclosure Stmt		
Code (\$) Code (\$) 1202 18 2202 9 Claims in excess of 20	8021 40	8021 40	Recording each patent assignment per property (times number of properties)		
1201 86 2201 43 Independent claims in excess of 3	1809 770	2809 385	Filing a submission after final rejection (37 CFR 1.129(a))		
1203 290 2203 145 Multiple dependent claim, if not paid	1810 770	2810 385	For each additional invention to be		
1204 86 2204 43 ** Reissue independent claims over original patent	1801 770	2801 385	examined (37 CFR 1.129(b)) Request for Continued Examination (RCE)		
1205 18 2205 9 ** Reissue claims in excess of 20 and over original patent	1802 900	1802 900	, ,		
	Other fee (spe	ecify)			
SUBTOTAL (2) (\$)	*Reduced by		ee Paid SUBTOTAL (3) (\$) 950.0	00	
**or number previously paid, if greater; For Reissues, see above			σου το της (φ) 300.0		

SUBMITTED BY

(Complete (if applicable))

Name (Print/Type)

Michael E. Yates

Registration No. (Attorney/Agent)

Signature

(Complete (if applicable))

Telephone 919-541-8587

Date

March 19, 2004

WARNING: Information or this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

United States ND TRADEMARK OFFICE UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandra, Virginia 22313-1450 www.uspto.gov MAR 2 2 2004 APPLICATION NO. FIRST NAMED INVENTOR ATTORNEY DOCKET NO. CONFIRMATION NO. 10/083,842 Jonas Grina 1392/2/2 2780 22847 7590 09/29/2003 SYNGENTA BIOTECHNOLOGY, INC. **EXAMINER** PATENT DEPARTMENT RAO, DEEPAK R 3054 CORNWALLIS ROAD P.O. BOX 12257 ART UNIT PAPER NUMBER RESEARCH TRIANGLE PARK, NC 27709-2257

> 1624 DATE MAILED: 09/29/2003

Due: Dec. 29, 2003

Please find below and/or attached an Office communication concerning this application or proceeding.

MAR 2 2 2004

Office Action Summar

Application No.

Applicant(s)

10/083,842

Grina

Examiner Deepak Rao

Art Unit 1624



The MAILING DATE of this communication appears on the cover she	et with the correspondence address
Period for Reply A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE	3 MONTH(S) FROM
THE MAILING DATE OF THIS COMMUNICATION.	
Extensions of time may be available under the provisions of 37 CFR 1.136 (a). In no event, however, ma mailing date of this communication.	
If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of the NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) No Failure to contradictions of the statutory period will apply and will expire SIX (6) No Failure to contradictions of the statutory period will apply and will expire SIX (6) No Failure to contradictions of the statutory period will apply and will expire SIX (6) No Failure to contradictions of the statutory period will apply and will expire SIX (6) No Failure to contradictions of the statutory period will apply and will expire SIX (6) No Failure to contradictions of the statutory period will apply and will expire SIX (6) No Failure to contradictions of the statutory period will apply and will expire SIX (6) No Failure to contradictions of the statutory period will apply and will expire SIX (6) No Failure to contradictions of the statutory period will expire SIX (6) No Failure to contradictions of the statutory period will expire SIX (6) No Failure to contradictions of the statutory period will expire the statutory period	MONTHS from the mailing date of this communication
 Failure to reply within the set or extended period for reply will, by statute, cause the application to become Any reply received by the Office later than three months after the mailing date of this communication, eve 	ne ARANDONED (35 U.S.C. § 133)
earned patent term adjustment. See 37 CFR 1.704(b). Status	
1) 🕅 Responsive to communication(s) filed on Sep 5, 2003	
2a) ☐ This action is FINAL . 2b) ☒ This action is non-final.	
3) Since this application is in condition for allowance except for forma closed in accordance with the practice under <i>Ex parte Quayle</i> , 1939	Il matters, prosecution as to the merits is
Disposition of Claims	0 0.0. 11, 100 0.0. 210.
4) 💢 Claim(s) <u>1-28</u>	are pending in the application.
4a) Of the above, claim(s) <u>8-10 and 15-28</u>	-
5)	
6) 💢 Claim(s) <u>1-7 and 11-14</u>	
7)	
8) Claims are s	
Application Papers	
9) The specification is objected to by the Examiner.	
10) The drawing(s) filed on is/are a) accepted	
Applicant may not request that any objection to the drawing(s) be held	
11) The proposed drawing correction filed on is: a	
If approved, corrected drawings are required in reply to this Office actio	on.
12) The oath or declaration is objected to by the Examiner.	
Priority under 35 U.S.C. §§ 119 and 120 13)□ Acknowledgement is made of a claim for foreign priority under 35 U	100 5 5 5 5 6 10 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
a) ☐ All b) ☐ Some* c) ☐ None of:	J.S.C. 3 119(a)-(d) or (t).
1. Certified copies of the priority documents have been received.	
2. Certified copies of the priority documents have been received in	
3. Copies of the certified copies of the priority documents have be	een received in this National Stage
application from the International Bureau (PCT Rule 17.2 *See the attached detailed Office action for a list of the certified copies	2(a)).
14) Acknowledgement is made of a claim for domestic priority under 35	
a) The translation of the foreign language provisional application has to	
15) \square Acknowledgement is made of a claim for domestic priority under 35	U.S.C. §§ 120 and/or 121.
attachment(s)	
🗂	ary (PTO-413) Paper No(s)
2) Notice of Draftsperson's Patent Drawing Review (PTO-948) 5) Notice of Informa 5) Information Disclosure Statement(s) (PTO-1449) Paper No(s). 8 6) Other:	al Patent Application (PTO-152)
TAX INTO THE STATE OF THE STATE	<u> </u>

DETAILED ACTION

Claims 1-28 are pending in this application.

Election/Restriction

Applicant's election without traverse of Group I (claims 1-14) in Paper No. 10 is acknowledged.

Claims 15-28 are withdrawn from further consideration pursuant to 37 CFR 1.142(b) as being drawn to a nonelected invention, there being no allowable generic or linking claim.

Election was made without traverse in Paper No. 10.

Applicant's election without traverse of the species of drawn to a compound of Formula I wherein:

R1 is C3-C8 branched chain alkyl;

R2 is unsubstituted phenyl;

R3 is unsubstituted pyridyl; and

R4 is hydrogen.

The elected species reads on claims 1-7 and 11-14

Applicant is reminded of the election of species guidelines provided in MPEP § 803.02, which are followed for examination. Portion from MPEP is provided here for convenience:

As an example, in the case of an application with a Markush-type claim drawn to the compound C-R, wherein R is a radical selected from the group consisting of A, B, C, D and E, the examiner may require a provisional election of a single species, CA, CB, CC, CD or CE. The Markush-type claim would then be examined fully with respect to the

elected species and any species considered to be clearly unpatentable over the elected species. If on examination the elected species is found to be anticipated or rendered obvious by prior art, the Markush-type claim and claims to the elected species shall be rejected, and claims to the non-elected species would be held withdrawn from further consideration. As in the prevailing practice, a second action on the merits on the elected claims would be final.

On the other hand, should no prior art be found that anticipates or renders obvious the elected species, the search of the Markush-type claim will be extended. If prior art is then found that anticipates or renders obvious the Markush-type claim with respect to a nonelected species, the Markush-type claim shall be rejected and claims to the nonelected species held withdrawn from further consideration. The prior art search, however, will not be extended unnecessarily to cover all nonelected species. Should applicant, in response to this rejection of the Markush-type claim, overcome the rejection, as by amending the Markush-type claim to exclude the species anticipated or rendered obvious by the prior art, the amended Markush-type claim will be reexamined. The prior art search will be extended to the extent necessary to determine patentability of the Markush-type claim. In the event prior art is found during the reexamination that anticipates or renders obvious the amended Markush-type claim, the claim will be rejected and the action made final. Amendments submitted after the final rejection further restricting the scope of the claim may be denied entry.

The elected species was not found in the prior art search and as per the guidelines above, the search was expanded to cover compounds of formula (I) for other values of **R1** and **R3**, while retaining the definitions of R2 and R4 as indicated above for the elected species, and art was found. As per the guidelines above, claims 8-10 drawn to compounds of formula II are additionally withdrawn from consideration pursuant to 37 CFR 1.142(b), as being drawn to non elected inventions.

Claim Rejections - 35 U.S.C. § 112

The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

Claims 1-7 and 11-14 are rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention. The following reasons apply:

- 1. In claim 1, line 1, the phrase "A compound **comprising** ..." is open ended and is not permitted in a compound claim. 'Comprising' in a compound claim, leaves the claim open for the inclusion of unspecified groups and/or substituents. The use of the above phrase causes the claim to be broader than the invention. See *In re Fenton*, 451 F.2d 640, 171 USPQ 693 (CCPA 1971). Replacing the phrase with -- A compound of -- is suggested.
- 2. Claim 1 recites "A compound and the salts, stereoisomers, and tautomers thereof", which is confusing because it is not clear if 'a compound or the salt thereof' is claimed or 'a mixture of a compound and the salt, etc.' is claimed. Replacing "and" with -- or -- is suggested.
- In claim 1, it is recited that "R3 and O in Formula I to form a lactone ring" which is confusing. In formula I, the oxygen is doubly bonded and therefore has satisfied valency. It is not clear how R3 can form a ring with 'O'. The specification does not provide any disclosure of such compounds.
- 4. Claim 3 recites the limitation "one of R2 and R3 is substituted with a substituent forming a cyclic structure on adjacent atoms of the aromatic ring" in lines 1-3. There is insufficient antecedent basis for this limitation in claim 1 on which claim 3 is dependent.

The substituent list provided for the aromatic rings of R2 and R3 in claim 1 does not include any group to fit in the above recitation.

- 5. Claim 4 recites the limitation "wherein the substituent is selected from the group consisting of 1,2-methylenedioxy and 1,2-difluoromethylenedioxy" in lines 1-3. There is insufficient antecedent basis for this limitation in claim 1 on which claim 4 is dependent (via claim 3). The substituent list provided for the aromatic rings of R2 and R3 in claim 1 does not include any group to fit in the above recitation.
- 6. Claim 5 recites the limitation "3,4-methoxydioxyphenyl" under the definition of R2 in line 3. There is insufficient antecedent basis for this limitation in claim 1 on which claim 5 is dependent. The substituent list provided for the aromatic rings of R2 in claim 1 does not include a '3,4-methoxydioxy'. Further, it is not clear how this group is structurally presented.
- 7. In claim 7, the term "halo" is defined to include "fluoro, chloro.... and combinations thereof" which is confusing. It is not clear how one 'halo' group can include combinations such as fluoro and chloro, etc. The claim will be clear if amended to delete "and combinations thereof".

Claims not addressed above are included in the rejection because they are dependent claims and do not resolve the above issues.

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Art Unit: 1624

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Claim Rejections - 35 U.S.C. § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the

basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless -

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United

States.

Claims 1, 5, 6 and 11 are rejected under 35 U.S.C. 102(b) as being anticipated by Ajello

et al. CAPLUS Abstract 71:80881. The instant claims read on the reference disclosed

compound, see the compound having RN 23689-37-4.

Allowable Subject Matter

Claims 2-4, 7 and 12-14 would be allowable if rewritten to overcome the rejection(s)

under 35 U.S.C. 112, second paragraph, set forth in this Office action, limited to the examined

subgenus as indicated above and to include all of the limitations of the base claim and any

intervening claims.

Receipt is acknowledged of the Information Disclosure Statement filed on March 3, 2003

and a copy is enclosed herewith.

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Deepak Rao whose telephone number is (703) 305-1879. The examiner can normally be reached on Tuesday-Friday from 6:30am to 5:00pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Dr. Mukund Shah, can be reached on (703) 308-4716. The fax phone number for the organization where this application or proceeding is assigned is (703) 308-4556.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703) 308-1235.

Primary Examiner
Art Unit 1624

September 27, 2003

U.S. PATENT DOCUMENTS

	Document Number Country Code-Number-Kind Code	Date MM-YYYY ¹	Name	Cla	ssification ²
Α					
В					
С					
D					
E					
F					
G					
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М					

FOREIGN PATENT DOCUMENTS

	Document Number Country Code-Number-Kind Code	Date MM-YYYY¹	Country	Name	Classification ²
N					
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Т					

NON-PATENT DOCUMENTS

	т—	
L		Include, as applicable: Author, Title, Date, Publisher, Edition or Volume, Pertinent Pages
	U	Ajello et al., CAPLUS Abstract 71:80881, 1969.
	v	
	w	
	x	

^{*} A copy of this reference is not being furnished with this Office action. See MPEP § 707.05(a).

¹ Dates in MM-YYYY format are publication dates.

² Classifications may be U.S. or foreign.

#8

FORM PTO-1449 (REV. 7-85) U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

INFORMATION DISCLOSURE CITATION

O \ RUSE several sheets if necessary)

MAR 0 3 2003



ATTY. DOCKET NO. 50097USNP APPLICATION NO. 10/083,842 APPLICANT GRINA

FILING DATE: February 27, 2002 Confirmation No. 2780 Group

1638

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE
W.K.	Α	5,880,333	3/9/99	GOFF	800	288	1/21/98
WK_	В	6,504,082 B1	1/8/03	ALBERTSEN	800	278	9/10/99

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE OFFICE		CLASS	SUBCLASS	TRANSLATIO YES NO	
<u> Ok</u>	С	EP 0 965 644 A2	12/22/99	EPO	C12N 15/82	15/85		
BL	D	WO 00/15791	3/23/00	WIPO	C12N 15/12	15/82		
102	Е	WO 93/03162	2/18/93	WIPO	C12 15/85	15/00		
DL	F	WO 96/37609	11/28/96	WIPO	C12N 15/12	15/85		
DL.	G	WO 97/38117	10/16/97	WIPO	C12N 15/85	15/12		
OF	Н	WO 99/02683	1/21/99	WIPO	C12N 15/12	15/86		
D2	I	WO 99/58155	11/18/99	WIPO	A61K 48/00	31/33		

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent pages, Etc.)

OF	J	Hoppe et al., Adenovirus-Mediated Inducible Gene Expression in Vivo by a Hybrid Ecdysone Receptor Molecular Therapy, Vol. 1, No. 2 (February 2000), pp. 159-164
OF	К	Koelle et al., The Drosophila EcR Gene Encodes an Ecdysone Receptor, a New Member of the Steroid Receptor Superfamily Cell, Vol. 67 (October 4, 1991), pp. 59-77
OL	L	Martinez et al., Creation of ecdysone receptor chimeras in plants for controlled regulation of gene expression Molecular & General Genetics, Vol. 261 (1999), pp. 546-552
DL	М	Martinez et al., Ecdysone agonist inducible transcription in transgenic tobacco plants The Plant Journal, Vol. 19(1) (1999), pp. 97-106
DR.	N	Martinez et al., Transcriptional activation of the cloned Heliothis virescens (Lepidoptera) ecosyone receptor (HvEcR) by MuristeroneA Insect Biochemistry and Molecular Biology, Vol. 29 (1999), pp. 915-930
De	0	No et al., Ecdysone-inducible gene expression in mammalian cells and transgenic mice Proceedings of the National Academy of Sciences USA, Vol. 93 (April 1996), pp. 3346-3351
VIL.	Р	Suhr et al., High level transactivation by a modified Bombyx ecdysone receptor in mammalia sells without exogenous retinoid X receptor Proceedings of the National Academy of Sciences USA, Vol. 95 (July 1998), pp. 7999-8004

E	X	ΑI	V	11	١	E	R	

Duyet las

DATE CONSIDERED

7/25/03

*EXAMINER: Initial of reference considered, whether or not citation is in conformance with MPEP 609: Draw a line through citation if not in conformance and not considered. Include a copy of this form with the next communication to applicant.

RECEIVEL

Applicant's

L17 ANSWER 8 OF 8 CAPLUS COPYRIGHT 2003 ACS on STN

AN 1969:480881 CAPLUS

DN 71:80881

TI Reaction between phosphorus pentachloride and 3-isonitroso-2,4,5triphenylpyrrole

AU Ajello, Tommaso; Giammanco, Lorenzo

CS Ist. Chim. Farm. Tossicol., Univ. Palermo, Palermo, Italy

SO Gazzetta Chimica Italiana (1969), 99(7), 690-9 CODEN: GCITA9; ISSN: 0016-5603

DT Journal

LA Italian

AΒ Treatment of 3-isonitroso-2,4,5-triphenylpyrrole (I) with PCl5 (II) gave 1,2,4-triphenyl-1-cyano-4-chloro-3-azabuta-1,3-diene (III) (T. Aiello, 1540). III heated at 95.degree. in EtOH yielded HCl and .alpha.,.beta.-diphenyl-.beta.-(benzoylamino)propenonitrile (IV), which hydrolyzes to give .alpha.,.beta.-diphenyl-3-(benzoylamino)propenamide (V). V upon cyclization yields 2,5,6-triphenyl-4-(3H)-pyrimidone (VI). Thus, 0.5 g. III in 20 ml. EtOH was heated at 95.degree. 18-20 hrs. and cooled, to yield VI (V. Sprio, 1964), m. 310.degree. (EtOH). III (1.32 g.) suspended in 7 ml. EtOH was treated with NaOEt 48 hrs., and the mixt. worked up, to yield 1,2,4-triphenyl-1-cyano-4-ethoxy-3-azabuta-1,3-diene (VI), m. 90.degree. (ligroine) (IR data given). III in 20 ml. Me2CO was added to 1 g. NaOH in 20 ml. H2O, satd. with H2S, and stirred 12 hrs. to yield .alpha.,.beta.-diphenyl-.beta.-(thiobenzoylamino)propenonitrile (VII), m. 240.degree. (EtOH) (ir data given). VII boiled with aq. HCl and EtOH gave H2S and VI. III (1.4 g.) in 10 ml. Me2CO was mixed with 0.02 g. KOH and 10 ml. H2O and stirred at room temp. 2 hrs., to yield IV, m. 176.degree. (ligroine) (ir data given). IV upon hydrolysis with aq. HCl gave VI. IV (1 g.) in 20 ml. Me2CO was mixed with 4 ml. H2O + 1 ml. conc. HCl, the mixt. kept at 100.degree. 2 hrs., and worked up to yield V, m. 230.degree. (EtOH). V (0.5 g.) was added to 10 ml. Ac2O and the mixt. refluxed 20 hrs., cooled, dild. with H2O, and the ppt. collected, to yield triacetylated V (VIII), m. 210.degree. (EtOH). V upon treatment with either alkali or acids gave VI.

IT 23689-37-4P

RL: SPN (Synthetic preparation); PREP (Preparation)
 (prepn. of)

RN 23689-37-4 CAPLUS

CN Benzamide, N-(2-cyano-1,2-diphenylvinyl)- (8CI) (CA INDEX NAME)

$$\begin{array}{c|cccc} & & & & & & \\ & & & & & \\ & & & & & \\ Ph-C-NH-C & & & & \\ \hline \end{array}$$